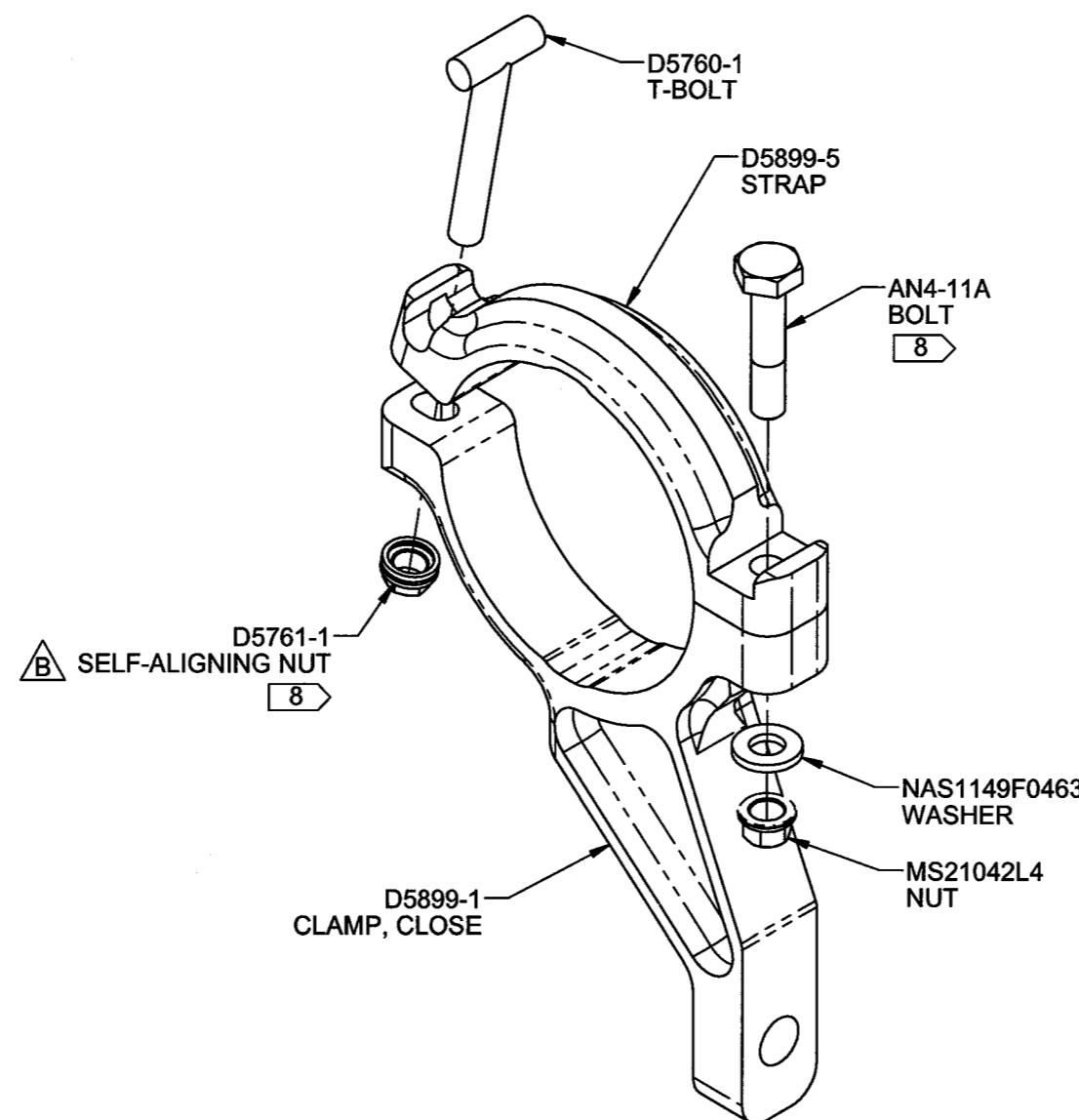


8 7 6 5 4 3 2 1

QTY -041	P/N	DESCRIPTION
X	D5899-041	CLAMP ASSY, CLOSE
1	D5760-1	T-BOLT
1	D5761-1	SELF-ALIGNING NUT
1	D5899-1	CLAMP, CLOSE
1	D5899-5	STRAP
1	AN4-11A	BOLT
1	MS21042L4	NUT, SELF-LOCKING
1	NAS1149F0463P	WASHER



D5899-041 CLAMP ASSY, CLOSE
(DERIVED FROM AERO DESIGN P/N 90620-01-00)

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HB ECR 21-133 4P

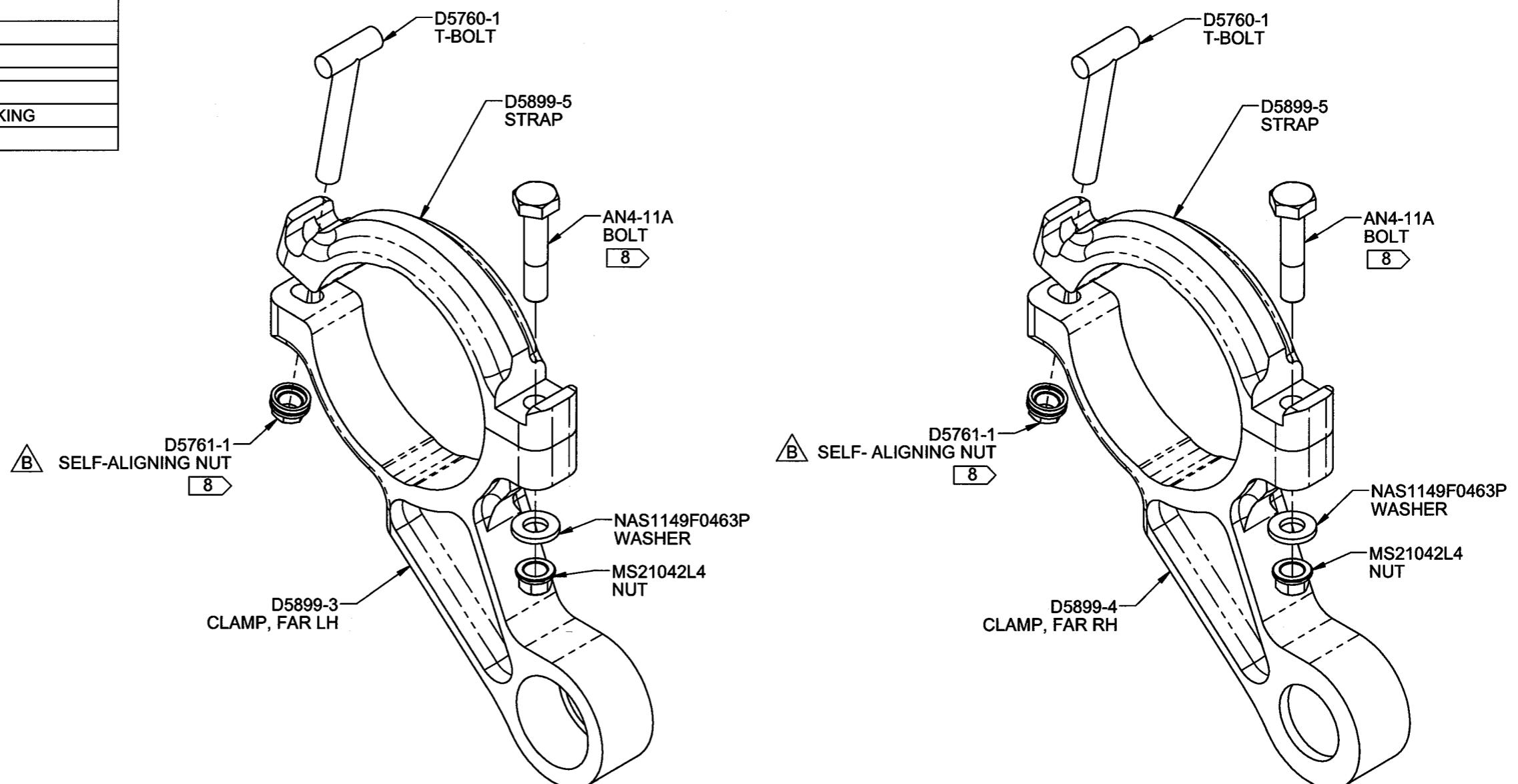
NOTES:
 1) MATERIAL: N/A
 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: N/A
 6) IDENTIFICATION: PER DART QSI 044 6.1
 7) WEIGHT: 0.39 lbs
 8) ENGAGE BOLT HEAD IN SLOT. DO NOT TORQUE FASTENERS, INSTALL FINGER-TIGHT ONLY

APPROVED

B	SHT 1&2: UPDATED NOTE 8, ADDED FLAG NOTE 8 TO D5761-1. SHT 3: VIEW C-C UPDATED SLOT DIMENSIONS. SHT. 5: VIEW F-F UPDATED SLOT DIMENSIONS.	JC	20.12.04
A	NEW ISSUE	ZF	20.04.02
REV.	DESCRIPTION		
DESIGN	WO	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC	DRAWING NO.	REV. B
CHECKED	ZF	D5899	SHEET 1 OF 5
MFG. APPR.	DD	TITLE	SCALE
APPROVED	CP	CLAMP ASSY	NTS
DE APPR.	CP 4P	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	20.12.04		

8 7 6 5 4 3 2 1

QTY -043	QTY -044	P/N	DESCRIPTION
X		D5899-043	CLAMP ASSY, FAR LH
X		D5899-044	CLAMP ASSY, FAR RH
1	1	D5760-1	T-BOLT
1	1	D5761-1	SELF-ALIGNING NUT
1		D5899-3	CLAMP, FAR LH
1		D5899-4	CLAMP, FAR RH
1	1	D5899-5	STRAP
1	1	AN4-11A	BOLT
1	1	MS21042L4	NUT, SELF-LOCKING
1	1	NAS1149F0463P	WASHER



D5899-043 CLAMP ASSY, FAR LH
(DERIVED FROM AERO DESIGN P/N 90620-02-02)

D5899-044 CLAMP ASSY, FAR RH
(DERIVED FROM AERO DESIGN P/N 90620-02-01)

NOTES:

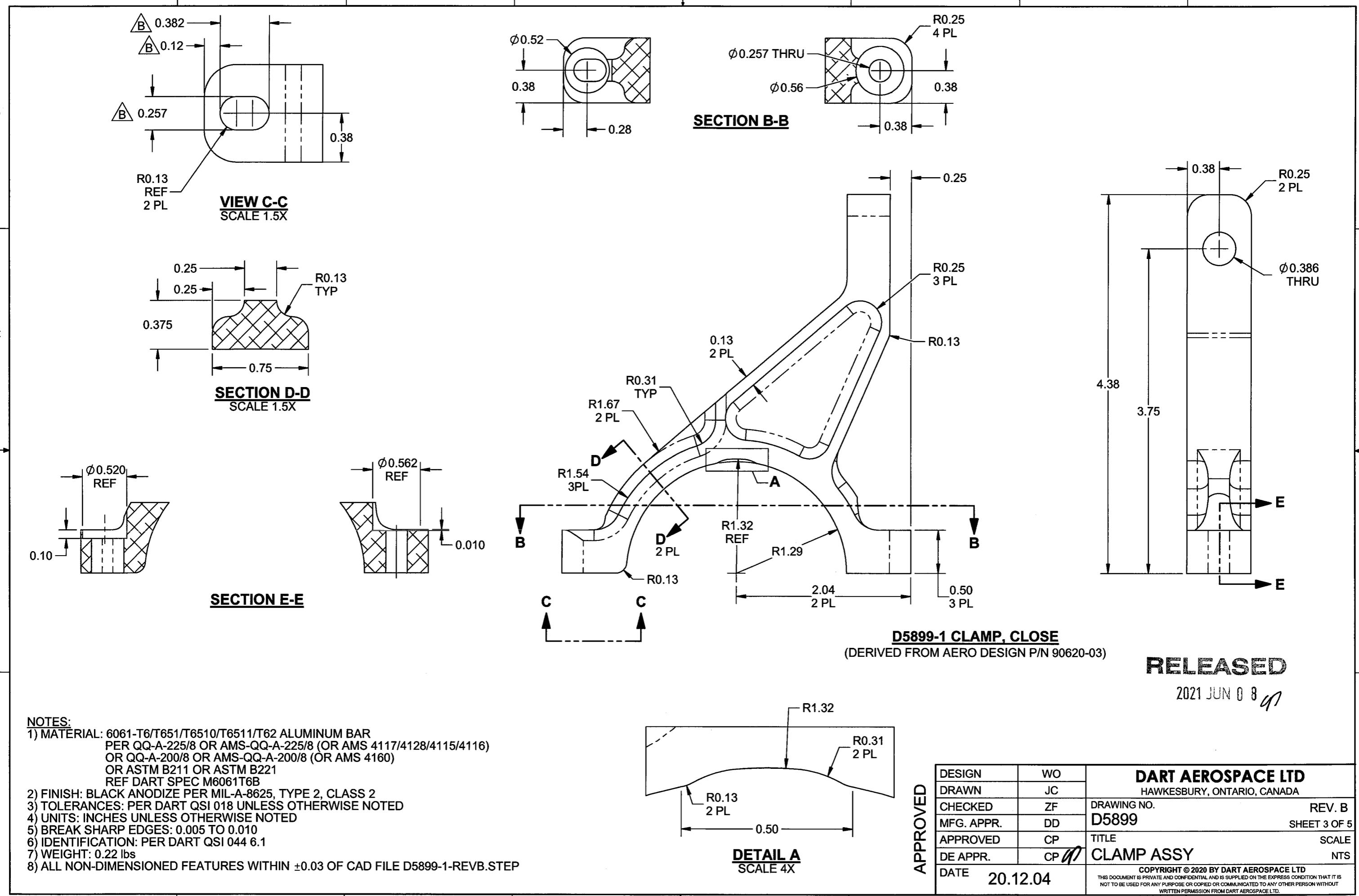
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER DART QSI 044 6.1
- 7) WEIGHT: -043/-044: 0.43 lbs
- 8) ENGAGE BOLT HEAD IN SLOT. DO NOT TORQUE FASTENERS, INSTALL FINGER-TIGHT ONLY.

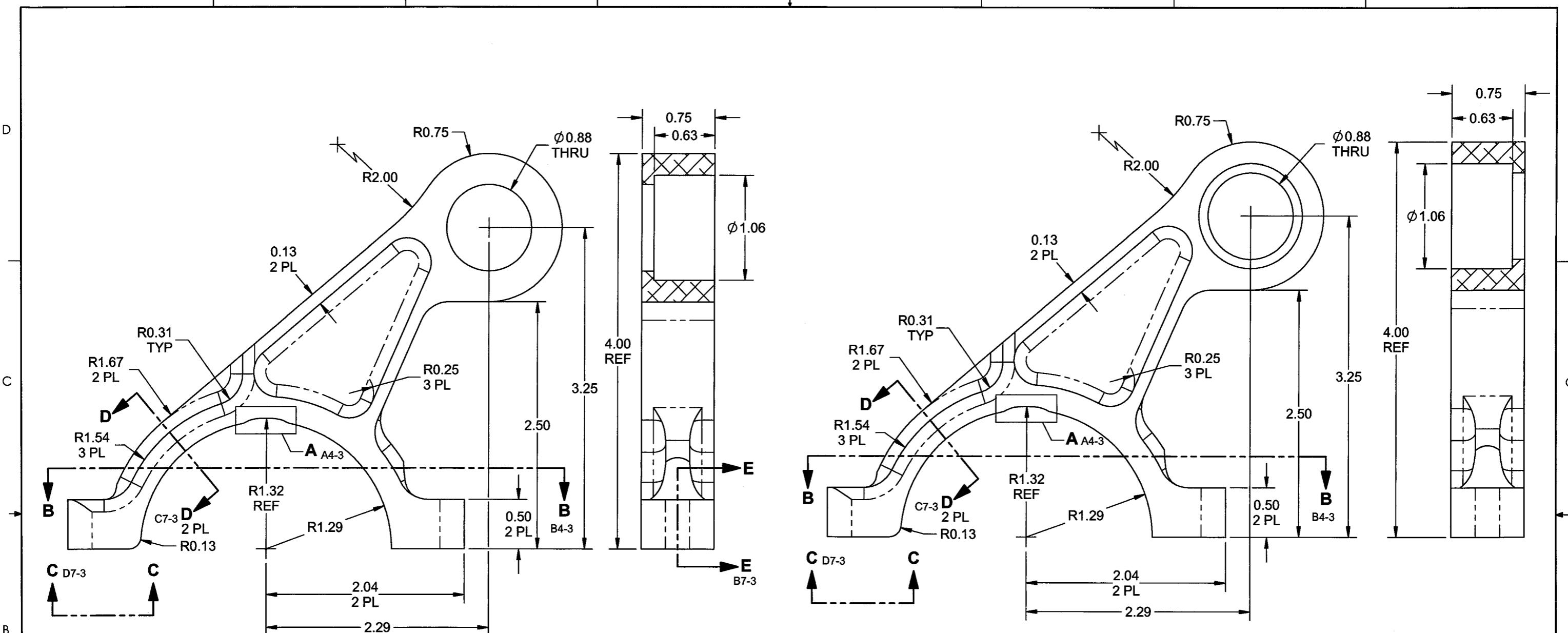
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DESIGN	WO	DART AEROSPACE LTD	
DRAWN	JC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	
MFG. APPR.	DD	D5899	
APPROVED	CP	REV. B	
DE APPR.	CP	SHEET 2 OF 5	
DATE 20.12.04		TITLE	NTS
CLAMP ASSY		COPYRIGHT © 2020 BY DART AEROSPACE LTD	
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8 → **D5899-3 CLAMP, FAR LH**
(DERIVED FROM AERO DESIGN P/N 90620-04-02)

9 → **D5899-4 CLAMP, FAR RH**
(DERIVED FROM AERO DESIGN P/N 90620-04-01)

NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
- 2) FINISH: BLACK ANODIZE PER MIL-A-8625, TYPE 2, CLASS 2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: PER DART QSI 044 6.1
- 7) WEIGHT: -3/4: 0.26 lbs
- 8) ALL NON-DIMENSIONED FEATURES WITHIN ± 0.03 OF CAD FILE D5899-3-REV.B.STEP
- 9) ALL NON-DIMENSIONED FEATURES WITHIN ± 0.03 OF CAD FILE D5899-4-REV.B.STEP

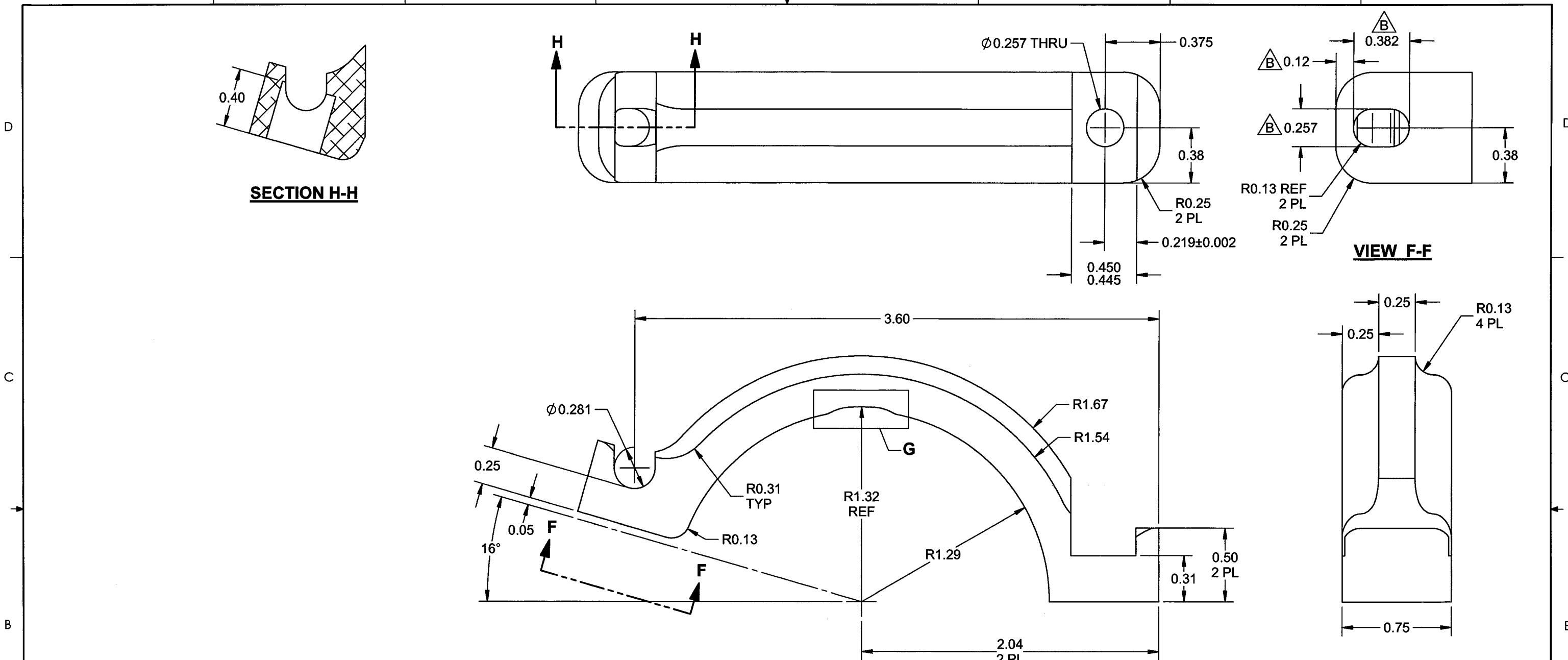
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2021 JUN 08

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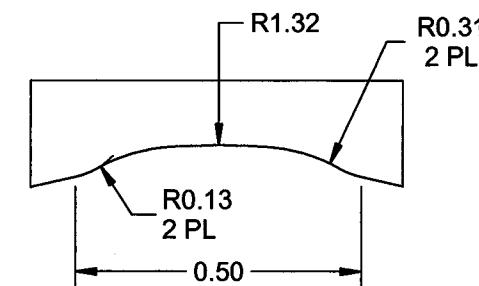
DESIGN	WO	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	JC	
CHECKED	ZF	DRAWING NO.
MFG. APPR.	DD	D5899
APPROVED	CP	REV. B
DE APPR.	CP	SHEET 4 OF 5
DATE	20.12.04	SCALE
		NTS
		CLAMP ASSY
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8 7 6 5 4 3 2 1



D5899-5 STRAP
(DERIVED FROM AERO DESIGN P/N 90620-05)

NOTES:
 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
 PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
 OR ASTM B211 OR ASTM B221
 REF DART SPEC M6061T6B
 2) FINISH: BLACK ANODIZE PER MIL-A-8625, TYPE 2, CLASS 2
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010
 6) IDENTIFICATION: PER DART QSI 044 6.1
 7) WEIGHT: 0.10 lbs
 8) ALL NON-DIMENSIONED FEATURES WITHIN ± 0.03 OF CAD FILE D5899-5-REVB.STEP



DETAIL G

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DESIGN	WO	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	JC	
CHECKED	ZF	
MFG. APPR.	DD	
APPROVED	CP	
DE APPR.	CP	
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